CLAIMS:

What is claimed is:

1.   A communication system comprising:

a call control system; and

a gateway coupled to the call control system and coupled to a first network node and a second network node wherein the gateway interworks first communications to a first transport type for the first network node and interworks second communications to a second transport type for the second network node;

the gateway, responsive to a status change associated with the first network node, transfers a first update message to the call control system wherein the first update message indicates the status change associated the first network node and the first transport type;

the call control system, responsive to receiving the first update message from the gateway, determines a first priority associated with the first update message based on the first transport type.

2.   The communication system of claim 1 where the gateway, responsive to a status change associated with the second network node, transfers a second update message to the call control system wherein the second update message indicates the status change associated with the second network node and the second transport type, and wherein the call control system, responsive to receiving the second update message from the gateway, determines a second priority associated with the second update message based on the second transport type.

3. The communication system of claim 2 wherein the call control system drops either the first update message or the second update message based on the first priority and the second priority.

4. The communication system of claim 2 wherein the call control system updates a routing table based on the second update message.

5. The communication system of claim 1 wherein the call control system updates a routing table based on the first update message.

6. The communication system of claim 5 wherein the routing table comprises a telephony routing over internet protocol (TRIP) routing table.

7. The communication system of claim 1 wherein the gateway interworks the first communications from internet protocol (IP) to the first transport type.

8. The communication system of claim 7 wherein the first transport type comprises asynchronous transfer mode (ATM).

9. The communication system of claim 7 wherein the first transport type comprises Frame Relay transport.

10.   The communication system of claim 7 wherein the first transport type comprises Signaling System 7 (SS7).

11.   The communication system of claim 7 wherein the first transport type comprises Packet over SONET (PoS).

12.   The communication system of claim 7 wherein the first transport type comprises time division multiplexed (TDM).

13.   The communication system of claim 7 wherein the gateway interworks the second communications from internet protocol (IP) to the second transport type.

14.   The communication system of claim 13 wherein the second transport type comprises asynchronous transfer mode (ATM).

15.   The communication system of claim 13 wherein the second transport type comprises Frame Relay transport.

16.   The communication system of claim 13 wherein the second transport type comprises Signaling System 7 (SS7).

17. The communication system of claim 13 wherein the second transport type comprises Packet over SONET (PoS).

18. The communication system of claim 13 wherein the second transport type comprises time division multiplexed (TDM).

19. The communication system of claim 1 wherein the gateway comprises a telephony routing over internet protocol-lite (TRIP-lite) enabled gateway.

20. The communication system of claim 1 wherein the call control system comprises a telephony routing over internet protocol (TRIP) enabled location server.

21.   A method of operating a communication system comprising a call control system and a gateway coupled to the call control system and coupled to a first network node and a second network node wherein the gateway interworks first communications to a first transport type for the first network node and interworks second communications to a second transport type for the second network node, the method comprising the steps of:

transferring a first update message from the gateway to the call control system responsive to a status change associated with the first network node wherein the first update message indicates the status change associated with the first network node and the first transport type;

receiving the first update message from the gateway into the call control system; and

in the call control system, determining a first priority associated with the first update message based on the first transport type.

22.   The method of claim 21 further comprising the steps of:

transferring a second update message from the gateway to the call control system responsive to a status change associated with the second network node wherein the second update message indicates the status change associated with the second network node and the second transport type;

receiving the second update message from the gateway into the call control system; and

in the call control system, determining a second priority associated with the second update message based on the second transport type.

23.   The method of claim 22 further comprising the step of dropping either the first update message or the second update message based on the first priority and the second priority.

24.   The method of claim 22 further comprising the step of updating a routing table based on the second update message.

25.   The method of claim 21 wherein the call control system updating a routing table based on the first update message.

26.   The method of claim 25 wherein the routing table comprises a telephony routing over internet protocol (TRIP) routing table.

27.   The method of claim 21 wherein the gateway interworks the first communications from internet protocol (IP) to the first transport type.

28.   The method of claim 27 wherein the first transport type comprises asynchronous transfer mode (ATM).

29.   The method of claim 27 wherein the first transport type comprises Frame Relay transport.

30.   The method of claim 27 wherein the first transport type comprises Signaling System 7 (SS7).

31.   The method of claim 27 wherein the first transport type comprises Packet over SONET (PoS).

32.   The method of claim 27 wherein the first transport type comprises time division multiplexed (TDM).

33.   The method of claim 27 wherein the gateway interworks the second communications from internet protocol (IP) to the second transport type.

34.   The method of claim 33 wherein the second transport type comprises asynchronous transfer mode (ATM).

35.   The method of claim 33 wherein the second transport type comprises Frame Relay transport.

36.   The method of claim 33 wherein the second transport type comprises Signaling System 7 (SS7).

37.   The method of claim 33 wherein the second transport type comprises Packet over SONET (PoS).

38.   The method of claim 33 wherein the second transport type comprises time division multiplexed (TDM).

39.   The method of claim 21 wherein the gateway comprises a telephony routing over internet protocol-lite (TRIP-lite) enabled gateway.

40.   The method of claim 21 wherein the call control system comprises a telephony routing over internet protocol (TRIP) enabled location server.

41.   A call control system comprising:

an interface configured to receive a first update message from a gateway wherein the first update message indicates a status change of a first network node and a first transport type wherein the gateway is coupled to the call control system and coupled to the first network node and a second network node and wherein the gateway interworks first communications to the first transport type for the first network node and interworks second communications to a second transport type for the second network node; and

a processing system configured to process the first update message to determine a first priority associated with the first update message based on the first transport type.

42.   The call control system of claim 41 wherein the interface is further configured to receive a second update message from the gateway wherein the second update message indicates a status change of the second network node and the second transport type and wherein the processing system is further configured to process the second update message to determine a second priority associated with the second update message based on the second transport type.

43.   The call control system of claim 42 wherein the processing system is further configured to determine to drop either the first update message or the second update message based on the first priority and the second priority.

44.   The call control system of claim 42 wherein the call control system updates a routing table based on the second update message.

45. The call control system of claim 41 wherein the call control system updates a routing table based on the first update message.

46. The call control system of claim 45 wherein the routing table comprises a telephony routing over internet protocol (TRIP) routing table.

47. The call control system of claim 41 wherein the gateway interworks the first communications from internet protocol (IP) to the first transport type.

48. The call control system of claim 47 wherein the first transport type comprises asynchronous transfer mode (ATM).

49. The call control system of claim 47 wherein the first transport type comprises Frame Relay transport.

50. The call control system of claim 47 wherein the first transport type comprises Signaling System 7 (SS7).

51. The call control system of claim 47 wherein the first transport type comprises Packet over SONET (PoS).

52.   The call control system of claim 47 wherein the first transport type comprises time division multiplexed (TDM).

53.   The call control system of claim 47 wherein the gateway interworks the second communications from internet protocol (IP) to the second transport type.

54.   The call control system of claim 53 wherein the second transport type comprises asynchronous transfer mode (ATM).

55.   The call control system of claim 53 wherein the second transport type comprises Frame Relay transport.

56.   The call control system of claim 53 wherein the second transport type comprises Signaling System 7 (SS7).

57.   The call control system of claim 53 wherein the second transport type comprises Packet over SONET (PoS).

58.   The call control system of claim 53 wherein the second transport type comprises time division multiplexed (TDM).

59.   The call control system of claim 41 wherein the gateway comprises a telephony routing over internet protocol-lite (TRIP-lite) enabled gateway.

60.   The call control system of claim 41 wherein the call control system comprises a telephony routing over internet protocol (TRIP) enabled location server.

61.   A software product for operating a call control system, the software product

comprising:

software operational when executed by a processor to direct the processor to

process a first update message received from a gateway wherein the first update message

indicates a status change of a first network node and a first transport type and wherein the

gateway is coupled to the call control system and coupled to the first network node and a

second network node and wherein the gateway interworks first communications to the

first transport type for the first network node and interworks second communications to a

second transport type for the second network node, wherein the processor processes the

first update message to determine a first priority associated with the first update message

based on the first transport type; and

a storage medium configured to store the software.

62.   The software product of claim 61 wherein the software is further operational

when executed by the processor to direct the processor to process a second update

message received from the gateway wherein the second update message indicates a status

change of the second network node and the second transport type and wherein processor

processes the second update message to determine a second priority associated with the

second update message based on the second transport type.